AMENDMENTS TO THE CLAIMS, COMPLETE LISTING OF CLAIMS IN ASCENDING ORDER WITH STATUS INDICATOR

Please amend the following claims as indicated.

1. (Currently Amended) An electrostatic spraying device being configured and disposed to electrostatically charge and dispense a liquid composition from a supply to a point of dispense, wherein the device comprises:

an actuator;

a high voltage generator to provide a high voltage;

a power source to activate said actuator and said high voltage generator;

a reservoir to contain the supply of the liquid composition;

a dispensing unit comprising

a pump in immediate downstream relation with the reservoir for supplying the liquid composition from the reservoir, the pump being mechanically connected to said actuator to be driven thereby,

an emitter electrode to electrostatically charge the liquid composition, the emitter electrode being electrically connected to said high voltage generator, and

a nozzle to dispense the liquid composition, the nozzle being disposed at the point of dispense,

a switch for manipulating the power source; and

a selector for providing a spraying mode and a dripping mode selectively in response to the switch being manipulated;

wherein the dripping mode is such that said pump is alone actuated to dispense the liquid composition out through the nozzle absent electrical charge,

wherein the spraying mode is such that said pump as well as the emitter electrode are simultaneously activated to dispense the liquid composition out through the nozzle with the liquid composition being electrically charged at the emitter electrode prior to exiting the nozzle, and

wherein said selector comprises a handle, a first tact switch, and a second tact switch,

said handle being engaged with a switch knob of said switch to be movable therewith, and having a portion selectively engageable with said first and second tact switches,

said first tact switch being mounted on a printed board and connected to operate said high voltage generator and said actuator for executing said spraying mode upon being pressed by said handle, and

said second tact switch being mounted on said printed board and connected to operate said actuator for executing said dripping mode upon being pressed by said handle, and

wherein said device includes a housing which carries said actuator, said high voltage generator, said power source, said switch, and said selector.

2. (Canceled).

3. (Currently Amended) The device as set forth in claim ~~1-2~~, wherein

said selector is exposed on the exterior of said housing to be manipulated by the user's finger,

said selector being movable between a dripping position defining said dripping mode and a spraying position defining said spraying mode,

said selector surrounding said switch in immediately adjacent relation thereto and rotatable about an axis between said dripping position and said spraying position.

4. (Original) The device as set forth in claim 3, wherein

said selector has a lock position which prohibits said motor and the emitter electrode from being activated.

5. (Currently Amended) The device as set forth in claim ~~1-2~~, wherein

said housing is formed on its exterior with an indicator which indicates which one of said dripping mode and said spraying mode is selected.

6. (Canceled).

7. (Original) The device as set forth in claim 1, wherein

said spraying mode is arranged to start activating said pump after a delay from activating said high voltage generator.

8. (Original) The device as set forth in claim 1, wherein

said spraying mode is arranged to include monitoring of the high voltage output from said high voltage generator and to cease activating said high voltage generator and said pump when said monitored high voltage output exceeds a critical level.

9. (Previously Presented) The device as set forth in claim 1, further including:

an outer cover detachable to a housing carrying said high voltage generator, said power source, said dispensing unit, said reservoir, said switch, and said selector,

said outer cover being formed with a tab which conceals therebehind said switch to keep said device inoperative.

10. (New) An electrostatic spraying device being configured and disposed to electrostatically charge and dispense a liquid composition from a supply to a point of dispense, wherein the device comprises:

an actuator;

a high voltage generator to provide a high voltage;

a power source to activate said actuator and said high voltage generator;

a reservoir to contain the supply of the liquid composition;

a dispensing unit comprising

a pump in immediate downstream relation with the reservoir for supplying the liquid composition from the reservoir, the pump being mechanically connected to said actuator to be driven thereby,

an emitter electrode to electrostatically charge the liquid composition, the emitter electrode being electrically connected to said high voltage generator; and

a nozzle to dispense the liquid composition, the nozzle being disposed at the point of dispense,

a switch for manipulating the power source; and

a selector for providing a spraying mode and a dripping mode selectively in response to the switch being manipulated;

wherein the dripping mode is such that said pump is alone actuated to dispense the liquid composition out through the nozzle absent electrical charge,

wherein the spraying mode is such that said pump as well as the emitter electrode are simultaneously activated to dispense the liquid composition out through the nozzle with the liquid composition being electrically charged at the emitter electrode prior to exiting the nozzle,

wherein said selector comprises a handle , a first tact switch , and a second tact switch ,

said handle being engaged with a switch knob of said switch to be movable therewith, and having a portion selectively engageable with said first and second tact switches ,

said first tact switch being mounted on a printed board and connected to operate said high voltage generator and said actuator for executing said spraying mode upon being pressed by said handle , and

said second tact switch being mounted on said printed board and connected to operate said actuator for executing said dripping mode upon being pressed by said handle, and

wherein said dispensing unit is connected to the reservoir to form a removable cartridge detachable to the housing that incorporates, an electric motor for rotating the actuator, the high voltage source, the switch, and the selector, said actuator coming into engagement with the pump when said cartridge is attached to the housing for enabling the operation of the pump.

11. (New) The device as set forth in claim 10, wherein

said pump has a plug for detachable connection with said reservoir.

12. (New) An electrostatic spraying device being configured and disposed to electrostatically charge and dispense a liquid composition from a supply to a point of dispense, wherein the device comprises:

an actuator;

a high voltage generator to provide a high voltage;

a power source to activate said actuator and said high voltage generator;

a reservoir to contain the supply of the liquid composition;

a dispensing unit comprising

a pump in immediate downstream relation with the reservoir for supplying the liquid composition from the reservoir, the pump being mechanically connected to said actuator to be driven thereby,

an emitter electrode to electrostatically charge the liquid composition, the emitter electrode being electrically connected to said high voltage generator; and

a nozzle to dispense the liquid composition, the nozzle being disposed at the point of dispense,

a switch for manipulating the power source; and

a selector for providing a spraying mode and a dripping mode selectively in response to the switch being manipulated;

wherein the dripping mode is such that said pump is alone actuated to dispense the liquid composition out through the nozzle absent electrical charge,

wherein the spraying mode is such that said pump as well as the emitter electrode are simultaneously activated to dispense the liquid composition out through the nozzle with the liquid composition being electrically charged at the emitter electrode prior to exiting the nozzle,

wherein said selector comprises a handle , a first tact switch , and a second tact switch ,

said handle being engaged with a switch knob of said switch to be movable therewith, and having a portion selectively engageable with said first and second tact switches ,

said first tact switch being mounted on a printed board and connected to operate said high voltage generator and said actuator for executing said spraying mode upon being pressed by said handle , and

said second tact switch being mounted on said printed board and connected to operate said actuator for executing said dripping mode upon being pressed by said handle, and

wherein said pump is a gear pump which has a pump chamber with a flat base molded from a plastic material, gears in the pump chamber, and a metal plate mounted in the flat base, said metal plate formed with a pin for detachable electrical connection with a voltage terminal provided on the side of the housing to relay the high voltage to the emitter electrode, said emitter electrode and said metal plate being cooperative to charge the liquid composition within the pump chamber.

13. (New) The device as set forth in claim 1, wherein
said housing has a shape of a generally flat disc.